



# MASTER TL5 High Efficiency

## MASTER TL5 HE 21W/865 1SL/40

Low-pressure mercury discharge lamps with a tubular 16 mm envelope

### Warnings and Safety

- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

### Product data

General Information	
Cap-Base	G5 [ G5]
Life to 50% Failures Preheat (Nom)	24000 h
Features	na [ Not Applicable]
System Description	High Efficiency
LSF Preheat 2000 h Rated	99 %
LSF Preheat 4000 h Rated	99 %
LSF Preheat 6000 h Rated	99 %
LSF Preheat 8000 h Rated	99 %
LSF Preheat 16000 h Rated	97 %
LSF Preheat 20000 h Rated	84 %
Light Technical	
Colour Code	865 [ CCT of 6500K]
Luminous Flux (Nom)	1950 lm
Luminous Flux (Rated) (Nom)	1725 lm
Colour Designation	Cool Daylight
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	94 lm/W
Colour Temperature, horizontal (Nom)	6500 K

Luminous Efficacy (rated) (Nom)	84 lm/W
Colour Rendering Index horiz (Max)	85
Colour Rendering Index horiz (Min)	80
Colour Rendering Index horiz (Nom)	82
Depreciation 2000 hrs	96 %
LLMF 4000 h Rated	95 %
Depreciation 5000 hrs	94 %
LLMF 8000 h Rated	93 %
LLMF 12000 h Rated	92 %
LLMF 16000 h Rated	91 %
LLMF 20000 h Rated	90 %
Operating and Electrical	
Power (Rated) (Nom)	20.6 W
Lamp Current (Nom)	0.165 A
Temperature	
Design Temperature (Nom)	35 °C

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## Controls and Dimming

Dimmable	Yes
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## Mechanical and Housing

Cap-Base Information	Green Plate
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## Approval and Application

Energy Efficiency Label	A+
Mercury (Hg) Content (Nom)	1.4 mg
Energy Consumption kWh/1000 h	23 kWh

## Product Data

Full product code	871150071011655
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Order product name	MASTER TL5 HE 21W/865 SLV/40
EAN/UPC - Product	8711500710116
Order code	71011655
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927926286555
Net Weight (Piece)	79.200 g
ILCOS Code	FDH-21/65/1B-L/P-G5-16/850

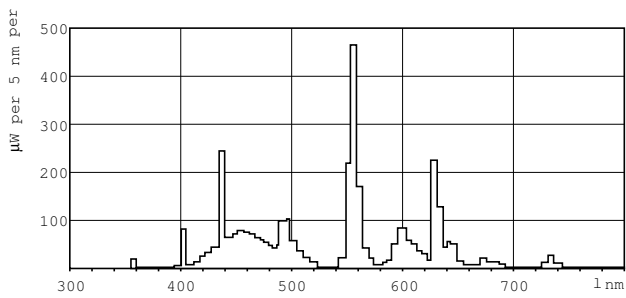
## Dimensional drawing



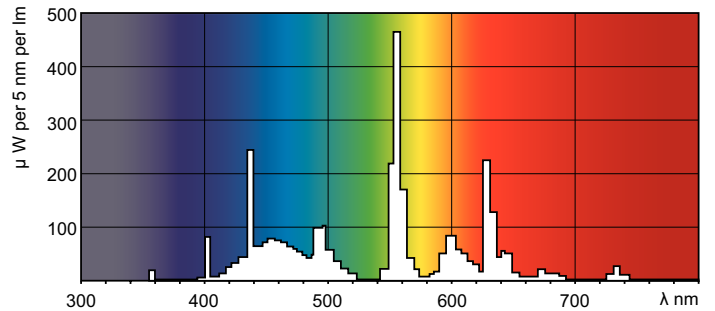
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 21W/865 SLV/40	17 mm	849.0 mm	856.1 mm	853.7 mm	863.2 mm

## TL5 21W/865/GP HE

## Photometric data



## Lightcolour /865



## Lightcolour /865

# MASTER TL5 High Efficiency

## Lifetime



LDLE\_TL5-HE8\_0001-Life expectancy diagram

LDLE\_TL5-HE8\_0002-Life expectancy diagram



LDLM\_TL5-HE8\_0001-Lumen maintenance diagram

